Positive Identification Of Friendly Forces in the AO Gap Analysis

Briefer:

C2 DOTMLPF Working Group

MONDAY 26	TUESDAY 27	WEDNESDAY 28	THURSDAY 29	FRIDAY 30
0800 Opening 0830 DWG Procedural Brief 0930 DO Brief 1030 DWG Plan of Attack	Networking cont'd	**Positive ID of Friendly Forces** **Gaps 5,10,13,21, 24**	0800 Synchronize Execution Gaps 3,6,19,20	0800 Review DOTLPF impacts across gaps Review SPD alignment 1200 Adjourn
0800 Networking Gaps 2, 4, 8, 16, 17, 23, 26 Collaboration Gaps 9,12, 14, 22, 29 Positive ID gaps 1, 31	Networking cont'd	Conduct IA Gaps 7, 11, 18	Plan Collaboratively Gaps 15, 25, 27, 28, 30	1300 SPD Core Development Team

Positive Identificatioin

- **Gap 5: Inadequate number of devices to meet the desired fielding density to provide comprehensive blue force picture (G)**
- **Gap 10: Current FBCB2 L-Band Satellite network does not use NSA certified encryption (MEF) (G)**
- **Gap 13: Policy needed to address sharing BFT inofrmation with uncleared users (S/F)**
- **Gap 21: Current FBCB2 L-Band Satellite network does not use NSA certified encryption (MEU) (G)**
- **Gap 24: Current FBCB@ L-Band Satellite network does not use NSA certified encryption (MEB) (G)**
- **Gaps 1 and 31 are discussed in the Networking Gap Analysis**

Provide Positive ID of Friendly Forces in the AO
Priority #5

JCA: 5.3.0.0 Develop and Maintain Shared Situational Awareness and Understanding

MCT: 5.1 Acquire, Process, Communicate information and maintain status
MCT: 5.1.3.2 Provide Positive ID of Friendly Forces in the AO

Deficiencies in Conditions: Unable to provide accurate, timely and secure position location information and blue force situational awareness to the lowest reporting unit

Inputs utilized for analysis:

GCE Capabilities Assessment dtd 1 June 06
ACE – AC2 Functional Concept dtd 22 Nov 05
FORCEnet Concept Annex: Capability decomposition (FN 2)
C2 CBA (JC2 FCB)
DO Concept
MAGTF C2 CONOPS
MAGTF C2 Vision Statement

Gap, Excess, or Shortfall

Mission Area	FP, PO, FE, CIT, DO
Forces Affected	MEF and below
Capability Statement	Gap: Inadequate number of devices to meet desired fielding density to provide comprehensive blue force picture
DOTMLPF	D, O, T, M

Current PORS:

C2PC

CAC2S

MAGTF C2 S&A

MCTIS/BYTIDS

DACT/BFSA

Provide Positive ID of Friendly Forces in the AO
Priority #10

JCA: 5.3.0.0 Develop and Maintain Shared Situational Awareness and Understanding

MCT: 5.1 Acquire, Process, Communicate information and maintain status
MCT: 5.1.3.2 Provide Positive ID of Friendly Forces in the AO

Deficiencies in Conditions: Unable to provide accurate, timely and secure position location information and blue force situational awareness to the lowest reporting unit

Inputs utilized for analysis:

GCE Capabilities Assessment dtd 1 June 06
ACE – AC2 Functional Concept dtd 22 Nov 05
FORCEnet Concept Annex: Capability decomposition (FN 2)
C2 CBA (JC2 FCB)
DO Concept
MAGTF C2 CONOPS
MAGTF C2 Vision Statement

Gap, Excess, or Shortfall

Mission Area	FP, PO, FE, CIT, DO
Forces Affected	MEF, MEB, MEU
Capability Statement	GAP: Current FBCB2-BFT L-Band Satellite network does not use NSA certified encryption
DOTMLPF	D,T,M,P

Current PORS:

C2PC

CAC2S

MAGTF C2 S&A

MCTIS/BYTIDS

DACT/BFSA

DOTMLPF Analysis

Doctrine

- **Is there existing doctrine that addresses the issue or relates to the issue? Joint? Service? Agency?**

- **Are there operating procedures in place that are NOT being followed which contribute to the issue? Which could, at least in part, correct the issue or lessen its impact?**

- **If no doctrine or procedures are in place which pertain to the issue, does new doctrine or do new procedures need to be developed and implemented which provide either a complete or partial solution to the issue?**

DOTMLPF Analysis

Organization

- **Where is the problem occurring? What organizations is the problem occurring in?**
- **What is the mission/management focus of those organizations?**
  - **Primary and secondary missions**
- **What are the organizational values and priorities?**
- **Is the organization properly staffed and funded to deal with the issue?**
- **Are commanding officers/senior management aware of the issues?**
- **Is the issue already in some type of organizational issue list (CC IPL)?**
- **If so, why isn't the issue being resolved?**
- **Who exactly is aware of/impacted by the issue?**

DOTMLPF Analysis

Training

- **Is the issue caused, at least in part, by a complete lack of or inadequate training?**
- **Does training exist which addresses the issue?**
- **Is the training being delivered effectively?**
- **Is the issue caused by a lack of competency or proficiency on existing systems and equipment?**
- **Do personnel effected by the issue have access to training?**
- **Is training properly staffed and funded?**

DOTMLPF Analysis

Materiel

- **Is the issue caused, at least in part, by inadequate systems or equipment?**

- **What current systems are in the Family-of-Systems where the problem is occurring?**

- **What functionality would a new system provide that currently does *not* exist?**

- **Is the issue caused by a lack of competency or proficiency on existing systems and equipment?**

- **Who would be the primary and secondary users of the proposed systems or equipment?**

DOTMLPF Analysis

Leadership & Education

- **Is the issue caused, at least in part, by inability or decreased ability to cooperate/coordinate/ communicate with external organizations?**

- **Do the senior officers understand the scope of the problem?**

- **Does command have resources at its disposal to correct the issue?**

- **Is leadership being trained on effective change management principles?**

- **Has command properly assessed the level of criticality, threat, urgency, risk, etc. of the operational results of the issue?**

- **Is senior leadership aware of the drivers and barriers to**

DOTMLPF Analysis

Personnel

- **Is the issue caused, at least in part, by inability or decreased ability to place qualified and trained personnel in occupational specialties?**

- **If issue resolution is likely to involve new material, systems, or equipment, are different occupational specialty codes needed to properly staff new systems?**
  - **Primary users**
  - **Maintenance personnel**
  - **Support personnel**

- **Do new training programs need to be developed for newly recruited personnel?**

DOTMLPF Analysis

Facilities

- Is the issue caused, at least in part, by inadequate infrastructure?
- If so, was issue a result of
  - Aging/wear?
  - New engineering didn't meet needs?
  - Battle damage/threat?
- Was issue caused by lack of proper environmental controls?
- Issue caused, at least in part, by inadequate
  - Roads/trails?
  - Main supply routes?
  - Force beddown?
  - Facilities operation and maintenance?
  - Hardening?
  - Field fortification support?
  - Etc?

Ideas for Materiel Approaches (IMA)

If materiel development is the answer, the next FSA step simply provides potential materiel solutions:

- **Functional experts from each service develop and submit ideas for joint materiel approaches**
- **Not system specific (that will be done in the AOA)**
  - **Considers range of military operations, conditions set by concepts and architectures**
  - **Changes in quantity of existing equipment**
  - **Product improvement to existing materiel**
  - **Acquisition of other service, interagency, or foreign military approaches**
  - **Capability bases looking at materiel alternatives as:**
    - **A UAV with a bomb**
    - **A ground sensor**
    - **An aeriel recon vehicle**
    - **NOTICE, NO MENTION OF A SPECIFIC UAV, SENSOR, HELICOPTER – IT IS CAPABILITY, NOT SYSTEM FOCUSED**
- **Prioritized list of materiel approaches, based on satisfying need, technical maturity, timeliness of delivery, potential for full capability.**
- **If none are satisfactory, expand the list of alternatives**

RECAP

- ✓ **Have we adequately covered the capability area?**
- ✓ **Do we have adequate DOTMLPF pillar assessments for at least the top 10 gaps?**
- ✓ **Have we included the correct lead/support organizations for each pillar?**
- ✓ **Have we properly identified needs for S&T initiatives?**
- ✓ **Have we identified those areas that require interaction between Integration Divisions?**
- ✓ **Have we identified any additional areas that need to be studied or issues that need to be reviewed before finalizing the SPD in this area?**
- ✓ **Is there a larger DOTLPF issue that needs to be addressed on Friday? If so, what is it?**

QUESTIONS?